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PTO/SB/05 (4/98)
Approved for use through 09/30/2000. OMB 0651-0032
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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## UTILITY PATENT APPLICATION TRANSMITTAL

Attorney Docket No. NMEDP001-2

First Inventor or Application Identifier Snutch, Terry P.

Title Novel Human Calcium Channels and...

(Only for new nonprovisional applications under 37 C.F.R. § 1.53(b))

Express Mail Label No. EL362857074US

	PPLICATION ELEMENTS apter 600 concerning utility patent application contents.	ADDRESS 10: Box Patent Application Washington, DC, 20231
1 11 11	ee Transmittal Form (e.g., PTO/SB/17)  ubmit an original and a duplicate for fee processing)	5. Microfiche Computer Program (Appendix)
2. Spe	ecification [Total Pages 31]	6. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
	eferred arrangement set forth below) rescriptive title of the Invention	a. Computer Readable Copy
	ross References to Related Applications	b. Paper Copy (identical to computer copy)
- S	tatement Regarding Fed sponsored R & D	
- R	eference to Microfiche Appendix	c. Statement verifying identity of above copies
	ackground of the Invention	ACCOMPANYING APPLICATION PARTS
	rief Summary of the Invention	7. Assignment Papers (cover sheet & document(s))
	rief Description of the Drawings (if filed)	37 C.F.R.§3.73(b) Statement Power of
	tetailed Description	8. (when there is an assignee) Attorney
	claim(s) bstract of the Disclosure	9. English Translation Document (if applicable)
	awing(s) (35 U.S.C. 113) [Total Sheets 4]	10. Information Disclosure Copies of IDS Statement (IDS)/PTO-1449 Citations
4. Oath or D	Declaration [Total Pages 3]	11. Preliminary Amendment
a. 🚺	Newly executed (original or copy)	Return Receipt Postcard (MPEP 503)  (Should be specifically itemized)
اً ا	Copy from a prior application (37 C.F.R. § 1.60	(Should be specimally nerringed)
b. L	(for continuation/divisional with Box 16 completed)	13. Statement(s) Statement filed in prior application
	i. DELETION OF INVENTOR(S) Signed statement attached deleting	(PTO/SB/09-12) Certified Copy of Priority Document(s)
	inventor(s) named in the prior application	114.1
	see 37 C.F.R. §§ 1.63(d)(2) and 1.33(b)	
FEES, A SMA	ITEMS 1 & 13: IN ORDER TO BE ENTITLED TO PAY SMALL ENTI ILL ENTITY STATEMENT IS REQUIRED (37 C.F.R. § 1.27), EXCEP D IN A PRIOR APPLICATION IS RELIED UPON (37 C.F.R. § 1.28).	
16. If a CO	NTINUING APPLICATION, check appropriate box, and	supply the requisite information below and in a preliminary amendment:
	ontinuation Divisional Continuation-in-part	(CIP) of prior application No: 09 / 030,482
Prior app	plication information: Examiner Basi, N	
For CONTINU	<u>JATION or DIVISIONAL APPS only</u> : The entire disclosur b. is considered a part of the disclosure of the accompa	e of the prior application, from which an oath or declaration is supplied nying continuation or divisional application and is hereby incorporated by
reference. Th	he incorporation <u>can only</u> be relied upon when a portio	n has been inadvertently omitted from the submitted application parts.
	17. CORRESPOND	DENCE ADDRESS
Custom	ner Number or Bar Code Label (Insen	or Correspondence address below
Name	021	121
	PATENT AND TRADE	DONEX OFFICE
Address		
City	State	Zip Code
Country	Telephone	+1 970 668-2050   Fax
Name (F	Marina T. Larson, Ph.D	. Registration No. (Attorney/Agent) 32,038
Signatur	100	
	10-0-100	

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

NMEDP001-2

PTO/SB/17 (2/98)
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	Compl te if Known		
FEE TRANSMITTAL	Application Number	to be assigned	_
Patent fees are subject to annual revision on October 1. These are the fees effective October 1, 1997. Small Entity payments must be supported by a small entity statement, otherwise large entity fees must be paid. See Forms PTO/SB/09-12. See 37 C.F.R. §§ 1.27 and 1.28.	Filing Date	herewith	
	First Named Inventor	Snutch, Terry P.	
	Examiner Name		
	Group / Art Unit		

Attorney Docket No.

TOTAL AMOUNT OF PAYMENT

Signature

(\$)

689.00

METHOD OF PAYMENT (check one)		FE	EE CALCULAT	ΓΙΟΝ (continued)		
- 2	3. ADDITIONAL FEES					
1. The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:		Large Entity Small Entity				
Deposit	Fee Fee Code (\$)	Fee Fee Code (\$)	Fee Do	escription	Fee Paid	
Account   15-0610	105 130	205 65	Surcharge - late fil	ling fee or oath		
Number Deposit Account	127 50	227 25	Surcharge - late p cover sheet.	provisional filing fee or		
Name Charge the Issue Fee Set in	139 130	139 130	Non-English speci	ification		
Fee Required Under 37 C.F.R. § 1.18 at the Mailing of the Notice of Allowance	147 2,520	147 2,520	For filing a reques	st for reexamination		
	112 920*	112 920*	Requesting public Examiner action			
2. Payment Enclosed: Check Order Other	113 1,840*	113 1,840*	Requesting publication	ation of SIR after		
Order C	115 110	215 55		y within first month		
FEE CALCULATION	116 400	216 200	Extension for reply	y within second month		
1. BASIC FILING FEE	117 950	217 475	Extension for repl	y within third month		
Large Entity Small Entity		218 755	Extension for repl	y within fourth month		
Fee Fee Fee Fee Description Fee Paid Code (\$) Code (\$)	128 2,060	228 1,030	Extension for repl	y within fifth month		
101 790 201 395 Utility filing fee 380	119 310	219 155	Notice of Appeal			
106 330 206 165 Design filing fee	120 310	220 155	Filing a brief in support of an appeal			
107 540 207 270 Plant filing fee		221 135	Request for oral hearing			
108 790 208 395 Reissue filing fee	138 1,510	138 1,510	Petition to institute	e a public use proceedi	ing	
114 150 214 75 Provisional filing fee	140 110	240 55	Petition to revive	- unavoidable		
SUBTOTAL (1) (\$) 380.00	141 1,320		Petition to revive - unintentional			
2. EXTRA CLAIM FEES	142 1,320 242 660 Utility issue fee (or reissue)					
Fee from _	143 450	243 225	Design issue fee			
Total Claims 24 -20** = 4 × 9 = 36	xtra Claims <u>Below</u> Fee Paid					
Independent 10 - 3" = 7 x 39 = 273	122 130	122 130	Petitions to the Commissioner			
Claims 10 7 7 8 33 4 27 3 1	123 50	123 50	50 Petitions related to provisional applications		ons	
**or number previously paid, if greater; For Reissues, see below	126 240	126 240		ormation Disclosure Str		
Large Entity Small Entity	581 40	581 40				
Fee Fee Fee Fee Description Code (\$) Code (\$)		00.		atent assignment per umber of properties)		
103 22 203 11 Claims in excess of 20	146 790	246 395		on after final rejection		
102 82 202 41 Independent claims in excess of 3	149 790	249 395	For each additions	•	<del></del>	
104 270 204 135 Multiple dependent claim, if not paid			examined (37 CFF			
109 82 209 41 ** Reissue independent claims over original patent	Other fee (spe	ecify)				
110 22 210 11 ** Reissue claims in excess of 20 and over original patent	Other fee (spe	ecify)				
SUBTOTAL (2) (\$) 309.00	·Reduced by	Basic Filing	Fee Paid SI	UBTOTAL (3) (\$)	0.00	
SUBMITTED BY				Complete (if ap	nlicable)	
Tuesday					32,038	
Printed Name Marina T. Larson, Ph.D. Reg. Number 32,038						
	. /			Deposit Account		

Date

User ID